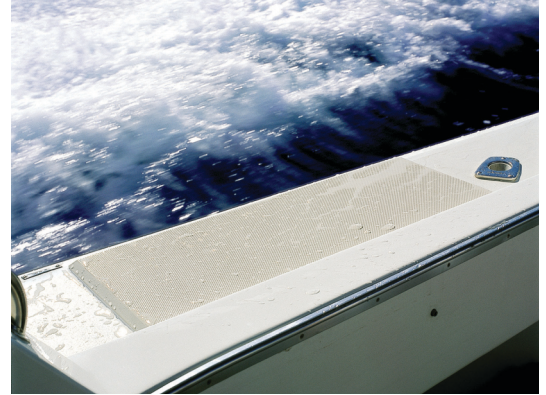




Marine Products



The Anti-Skid Marine-Grade Polymer Sheet

King StarBoard® AS is an anti-skid, marine-grade, high-density polyethylene sheet. It is the product of a proprietary process called K-Stran™, the most advanced manufacturing process for superior flatness and consistency. King StarBoard® AS has a dot or diamond pattern on one side of the sheet and a matte finish on the other side. The special, high-friction anti-skid surface helps prevent slipping and promotes drainage. It is environmentally stabilized to withstand the harshest outdoor conditions. King StarBoard® AS will not rust, delaminate or rot when exposed to UV, humidity or water. It is ideal for a variety of high-traffic marine applications from decking and swim platforms to ladder steps where traction is critical. For maximum versatility, standard colors are made to coordinate with the original King StarBoard®. The polymer sheet never needs painting or refinishing, works like wood, and is easy to fabricate with common woodworking tools and techniques.

KING STARBOARD AS

Applications

- Bow Pulpits
- Decking
- Hatches
- Ladder Steps
- Swim Platforms
- Swimming Pool Grating
- Shower Floors
- Stairways and Entry Ways

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Specifications

Standard Sheet Size

in: 54" x 96"

mm: 1371.6 mm x 2438 mm

Standard Gauges

in: 1/2" | 3/4" | 1"

mm: 12.7 mm | 19 mm | 25.4 mm

Approximate Weight

lbs: 90 lbs | 135 lbs | 180 lbs

kg: 41 kg | 61 kg | 81.6 kg

Tolerance information: Gauges 1/2" up to 1" ±5%
Length and width plus only at room temperature

Custom sheet sizes, gauges and colors available

Standard Colors



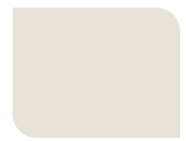
Black



Charcoal Gray



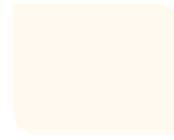
Dolphin Gray



Light Gray



Sansshade



Seafoam



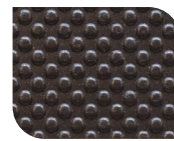
White/White

Note: Color accuracy can vary considerably on computer monitors and printers.
Please consult your distributor for a product sample before making critical color choices.

Textures



Diamond



Dot

Properties	Units	ASTM	Nominal Values
Density	g/cc	D1505	0.955
Tensile Strength @ Yield	psi	D638	>4,100
Tensile Modulus	psi	D638	255,000
Elongation @ Break	%	D638	>600
Elongation @ Yield	%	D638	9.8
Flexural Modulus	psi	D790	185,000
Flexural Stress @ 5% Strain	psi	D790	3,810
Compressive Properties 10% Strain	psi	D695	4,000
Durometer	Shore D	D2240	66
Tensile Impact	ft.lbs./in. ²	D1822	115
Izod Impact Resistance	ft.lbs./in. ²	D256	1.1
Brittleness Temp.	°C (°F)	D746	<-76°C (<-105°F)
Vicat Softening Temp.	°C (°F)	D1525	123°C (253°F)
Heat Deflection Temp. 66 psi	°C (°F)	D648	75°C (167°F)
Screw and Nail Withdrawal	lbs	D1761	657 & 63
Flammability	Rating	UL94	HB
Slip Resistance (wet)	SCOF-Wet	ANSI B101.1	0.84

All values are determined on specimens prepared according to ASTM.

Nominal values should not be interpreted as specifications.

King StarBoard® AS is made entirely from FDA and USDA approved material.

King StarBoard® AS meets ASTM D4976.

The raw material used to make King StarBoard® AS does not contain BPA's or Phthalates.

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